

Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. – 29. (Cancelled)

30. (Previously Presented) A network including a plurality of devices, each device being capable of wireless communication with the other devices of the network, at least some of said devices having one or more resources for sharing with the other devices of the network, the network including a device having administration means for allowing selected devices to be associated within a domain including at least three of said devices by providing each device in the domain with identification data, the identification data including security data for identifying each device as a member of the domain and device identity data corresponding to each member of the domain, said device identity data being required to allow each device in the domain to establish secure communications directly with each other device within the domain, the administration means including means for selectively enabling sharing of said resources between the devices within the domain and which is operable to maintain a store indicating the resources available for sharing between respective devices within the domain and to provide these devices with data to enable selective sharing of resources.

31. (Previously Presented) The network of claim 30, wherein the identification data received from the administration means includes a key.

32. (Previously Presented) The network of claim 31, wherein the key is a shared key.
33. (Previously Presented) The network of claim 31, wherein the key is a public key of a public-private key pair, the private key being stored on the administration means.
34. (Previously Presented) The network of claim 30, wherein each device has a security certificate associated therewith indicating its membership of the domain.
35. (Previously Presented) The network of claim 31, including further keys for allowing encrypted communication between the devices within the domain.
36. (Previously Presented) The network of claim 30, wherein the administration means transmits to each device within the domain data indicative of the characteristics of the other devices within the domain.
37. (Previously Presented) The network of claim 30, wherein the administration means is transferable from one device to another.
38. (Previously Presented) The network of claim 30, wherein a plurality of devices within the domain include administration means, and means is provided to selectively enable only one of said administration means at a time.
39. (Previously Presented) The network of claim 30, including a plurality of said domains.

40. (Previously Presented) The network of claim 39, wherein a device is associated with each of said plurality of domains.
41. (Previously Presented) The network of claim 30, wherein at least one of the devices within the domain includes control means for controlling use of its resources by other devices within the domain.
42. (Previously Presented) The network of claim 41, wherein the control means limits access by said other devices to only selected ones of said resources.
43. (Previously Presented) The network of claim 41, wherein the control means limits the amount of use by said other devices to said resources.
44. (Previously Presented) The network of claim 41, wherein the control means prompts the operator of the device making resources available to authorize use of said resources by said other devices when a request for use of said resources is received therefrom.
45. (Previously Presented) A method allowing selected devices within a network to be associated within a domain that includes at least three of said devices, each device being capable of wireless communication with the other devices of the domain and at least some of said devices having one or more resources for sharing with the other devices of the domain, the method including adapting one device within the domain to provide each other device in the domain with identification data, the identification data including security data for identifying each device as a member of the domain and device identity

data corresponding to each member of the domain, said device identity data being required to allow each device in the domain to establish secure communications directly with each other device within the domain, the adapted device selectively enabling sharing of said resources between the devices within the domain by maintaining a store indicating the resources available for sharing between respective devices within the domain and providing these devices with data to enable selective sharing of resources.

46. (Previously Presented) The method of claim 45, wherein the identification data includes a key.

47. (Previously Presented) The method of claim 46, wherein the key is a shared key.

48. (Previously Presented) The method of claim 46, wherein the key is a public key of a public-private key pair, the private key being stored on the adapted device.

49. (Previously Presented) The method of claim 45, wherein each device has a security certificate associated therewith indicating its membership of the domain.

50. (Previously Presented) The method of claim 46, including providing further keys for allowing encrypted communication between the devices within the domain.

51. (Previously Presented) The method of claim 45, wherein the adapted device transmits to each device within the domain data indicative of the characteristics of the other devices within the domain.

52. (Previously Presented) The method of claims 45, including changing the device within the domain which provides each other device with identification data.
53. (Previously Presented) The method of claim 45, including allowing the formation of a plurality of said domains.
54. (Previously Presented) The method of claim 24, wherein a device is associated with each of said plurality of domains.
55. (Previously Presented) The method of claim 45, wherein use of the resources of at least one of the devices within the domain by other devices in the domain is controlled.
56. (Previously Presented) The method of claim 55, wherein controlling the use of the resources of at least one of the devices within the domain by other devices in the domain includes limiting access by said other devices to only selected ones of said resources.
57. (Previously Presented) The method of claim 55, wherein controlling the use of the resources of at least one of the devices within the domain by other devices in the domain includes limiting the amount of use by said other devices of said resources.
58. (Previously Presented) The method of claim 55, wherein controlling the use of the resources of at least one of the devices within the domain by other devices in the domain includes prompting the operator of the device making resources available to authorize use of said resources by said other devices when a request for use of said resources is received therefrom.